

## Message Text

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PAGE 01 STATE 035919  
ORIGIN ERDA-07

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DRAFTED BY ERDA - JFKRATZ  
APPROVED BY EB/ITP/ET - RPRACHT  
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TO USMISSION OECD PARIS

C O N F I D E N T I A L STATE 035919

EXCON

E.O. 11652: XGDS-1

TAGS: ESTC, COCOM

SUBJECT: US PROPOSAL FOR IL 1091 AND IL 1500 (NI)

REF: KRATZ/PRACHT LETTER OF JANUARY 25, 1977

1. WE ARE NOW IN FINAL PROCESS OF CLEARING NEW US PROPOSAL FOR IL 1091, INCLUDING NEW ITEM IN 1500 SERIES. AN EARLIER VERSION OF THAT PROPOSAL WAS SENT IN REF LETTER. WE NOW HAVE CERTAIN CHANGES WHICH RESULT IN WHAT WE BELIEVE WILL BE THE DEFINITIVE TEXT. US DEL MAY THEREFORE PREPARE COCOM SUBMISSION AWAITING FINAL CLEARANCE. (REVISED TEXT IL 1500 (NI) ALSO POUCHES USDEL FEBRUARY 8 AND USDEL MAY USE TO CHECK THIS TEXT.) FOLLOWING CHANGES ARE TO BE MADE IN TEXT SENT WITH REF LETTER:

(A) SUBSTITUTE THE FOLLOWING FOR SUBITEM C:

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"C. RELATED EQUIPMENT, (I.E., SPECIALIZED PARTS, COMPONENTS, PERIPHERALS, SUBASSEMBLIES, ACCESSORIES, SPARE PARTS,

AND COMPUTER/MACHINE INTERFACE EQUIPMENT), AND SOFTWARE FOR THE ABOVE INCLUDING RELATED EQUIPMENT AND SOFTWARE THAT CAN BE USED TO UPGRADE UNITS OR SYSTEMS IN A OR B ABOVE SO THAT EITHER THEY WOULD BECOME EMBARGOED OR THEY WOULD CEASE TO BE

ELIGIBLE FOR ADMINISTRATIVE EXCEPTIONS OR OTHER SPECIAL TREATMENT."

(B) RENUMBER NOTE 5 AS NOTE 1 AND THE REMAINDER OF THE NOTES CONSECUTIVELY THEREAFTER, I.E., NOTE 1 AS NOTE 2, ETC.

(C) PAGE 3 - ADD THE PHRASE "THOSE HAVING ALL" AFTER THE WORD "TO" IN THE FIRST LINE OF SUBITEM A.

PAGE 3 - DELETE THE WORD "HAVE" AND SUBSTITUTE THE PHRASE "BE CAPABLE OF CONTROLLING" FOLLOWING THE WORD "MAY" IN THE THIRD LINE OF SUBITEM A(I).

(D) PAGE 4 - DELETE THE NUMBER "(V)" BEGINNING OF FIRST LINE AND SUBSTITUTE A CAPITAL LETTER "B".

(E) PAGE 5 - DELETE CAPITAL LETTERS "B" AND "C" IN FIRST AND SEVENTH LINES AND REPLACE WITH CAPITAL LETTERS "C" AND "D".

(F) PAGES 5 AND 6 - REVISE NOTE 3 (RENUMBERED NOTE 4) AS FOLLOWS: "GOVERNMENTS MAY PERMIT, AS ADMINISTRATIVE EXCEPTIONS, THE SHIPMENT OF UNITS INCORPORATED ON AND EXPORTED WITH UNEMBARGOED MACHINES, PROVIDED THAT THE UNITS MEET THE FOLLOWING CONDITIONS:

A. NO MORE THAN THREE CONTOURING INTERPOLATING (ANY MATHEMATICAL FUNCTION INCLUDING LINEAR AND CIRCULAR) AXES CAN BE SIMULTANEOUSLY COORDINATED. (UNITS MAY BE CAPABLE OF CONFIDENTIAL

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CONTROLLING MORE THAN ONE AXIS FOR WHICH RATE OF MOVEMENT IS NOT COORDINATED, VARIED, OR MODULATED WITH THAT OF ANOTHER AXIS);

B. MEET THE CHARACTERISTICS OF SUBITEMS A(II), (III), AND (IV) AND (B) OF NOTE 3 OF THIS ITEM;

C. DETAILS OF UNITS INCORPORATING OR CONTAINING MICROPROCESSORS, MINICOMPUTERS, OR COMPUTERS HAVE PREVIOUSLY BEEN SUBMITTED TO THE COMMITTEE WHO HAVE AGREED THAT THE PARTICULAR UNIT SHOULD BE ELIGIBLE FOR TREATMENT UNDER THIS NOTE. THE COMMITTEE SHALL REACH A FINAL DECISION ON EACH APPLICATION WITHIN 30 DAYS OF THE RECEIPT OF A DETAILED TECHNICAL DESCRIPTION GIVING COMPLETE INFORMATION ON THE CHARACTERISTICS OF THE UNIT AS SPECIFIED IN THIS NOTE."

(G) PAGE 6 - REVISE NOTE 4 (RENUMBERED NOTE 5) AS FOLLOWS:

- RELETTER SUBITEM "C" AS "B" AND SUBITEM "B" AS "C".

- IN SUBITEM C (RELETTERED SUBITEM B), REVISE THE SECOND LINE BY (1) ADDING THE WORD "AND" AFTER THE NUMBER "(III)"; (2) DELETING THE NUMBER "(V)" AND SUBSTITUTING THE CAPITAL LETTER "B"; AND (3) DELETING THE NUMBER "2" AND SUBSTITUTING THE NUMBER "3".

- IN SUBITEM B (RELETTERED SUBITEM C), REVISE THE SECOND (OR LAST) SENTENCE AFTER THE WORD "INFORMATION," IN THE FIFTH LINE, AS FOLLOWS:

". . . ON THE CHARACTERISTICS OF THE UNIT AS SPECIFIED IN THIS NOTE AND THE JUSTIFICATION FOR TREATMENT OF THE UNIT UNDER THIS NOTE."

(H) PAGE 7 - REVISE NOTE 5 (RENUMBERED NOTE 1) BY DELETING  
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THE WORDS "LOW-LEVEL" IN THE SECOND LINE.

(I) ADD NEW NOTE 6 TO READ AS FOLLOWS:

"GOVERNMENTS MAY PERMIT, AS ADMINISTRATIVE EXCEPTIONS, THE SHIPMENT OF RELATED SPECIALIZED PARTS, COMPONENTS, SUBASSEMBLIES, ACCESSORIES, AND SPARE PARTS COVERED BY SUBITEM (C) AND ALSO COVERED BY SUBITEM (H) OF ITEM 1565, FOR EQUIPMENT PREVIOUSLY EXPORTED PURSUANT TO NOTES 3 AND 5, PROVIDED THAT:

(A) THE RELATED SPECIALIZED PARTS, COMPONENTS, SUBASSEMBLIES ACCESSORIES, AND SPARE PARTS

(1) WILL NOT UPGRADE THE EQUIPMENT BEYOND THE LIMITS OF NOTES 3 AND 5;

(2) ARE IN REASONABLE QUANTITIES BASED ON THE QUANTITY OF EQUIPMENT PREVIOUSLY EXPORTED FROM THE COUNTRY; AND

(3) ARE ONLY FOR EQUIPMENT PREVIOUSLY EXPORTED FROM THE COUNTRY.

(B) GOVERNMENTS UNDERTAKE TO LIMIT EXPORTS OF ADVANCED TECHNOLOGY COMPONENTS (MICROPROCESSORS, ARITHMETIC LOGIC UNITS (ALU'S), FIXED OR ALTERABLE STORAGE DEVICES, PROGRAMMED LOGIC ARRAYS (PLA'S), ETC.) COVERED BY ITEMS 1564 OR 1588 TO THE MINIMUM PERFORMANCE AND QUANTITY APPROPRIATE FOR THE TYPE AND QUANTITY OF EQUIPMENT THEY ARE INTENDED FOR, ASSUMING NORMAL USAGE PATTERNS."

2. AMEND THE "EXPLANATION AND JUSTIFICATION OF IL 1500 NI," AS SET FORTH IN ENCLOSURE 2 OF REF LETTER, AS FOLLOWS:

(A) PAGE 2, PARAGRAPH 3 - REVISE AS FOLLOWS:

"3. THE CONTROL UNIT DEFINITION HAS BEEN RESTRUCTURED TO  
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CONSIST OF THREE SUBITEMS (A, B, AND C) AND SIX NOTES.  
TWO OF THE NOTES ARE EXPLANATORY (ONE AND TWO). THREE  
NOTES ESTABLISH ADMINISTRATIVE EXCEPTION AND SPECIAL  
REVIEW PROCEDURES FOR TWO-AND THREE-AXIS UNITS. THE  
FOURTH NOTE (NOTE 6 ESTABLISHES AN ADMINISTRATIVE EXCEP-  
TIONS PROCEDURE FOR THE EXPORT OF CERTAIN SPARE PARTS."

(B) PAGE 3, PARAGRAPH 5 - RENUMBER AS PARAGRAPH 6, AND  
DELETE THE NUMBER "1" AND INSERT THE NUMBER "2" IN THE  
FIRST LINE.

(C) PAGE 3 AND 4, PARAGRAPH 6 - RENUMBER AS PARAGRAPH 7,  
AND DELETE THE NUMBER "2" AND INSERT THE NUMBER "3" IN  
THE FIRST LINE.

(D) PAGES 4 AND 5, PARAGRAPH 7 - RENUMBER AS PARAGRAPH 8,  
AND DELETE THE NUMBER "3" AND INSERT THE NUMBER "4" IN  
THE FIRST LINE. PAGES 4 AND 5 - DELETE THE FIRST PARA-  
GRAPH (EXPLANATION) AND SUBSTITUTE THE FOLLOWING:

"7. NOTE 4 IS AN ADMINISTRATIVE EXCEPTIONS NOTE PERMIT-  
TING THE EXPORT OF CERTAIN THREE-AXIS CONTOURING UNITS  
WHEN INCORPORATED ON NON-EMBARGOED MACHINES. THREE-  
AXIS UNITS INCORPORATING MICROPROCESSORS, MINICOMPUTERS,  
OR COMPUTERS WOULD BE "PROJECT TO INITIAL (SPECIAL TREAT-  
MENT) AND APPROVAL BY THE COMMITTEE. SUBSEQUENT SHIPMENTS  
OF THE SAME EQUIPMENT COULD BE MADE AT NATIONAL DISCRETION  
WITH MONTHLY REPORTS BEING MADE TO THE COMMITTEE OF ANY  
SHIPMENTS UNDERTAKEN.

(E) PAGES 5 AND 6, PARAGRAPH 8 - RENUMBER AS PARAGRAPH ,  
AND DELETE THE NUMBER "4" AND INSERT THE NUMBER "5" IN  
THE FIRST LINE.

(F) PAGE 6, PARAGRAPH 9 - RENUMBER AS PARAGRAPH 5, AND  
DELETE THE NUMBER "5" AND INSERT THE NUMBER "1" IN THE  
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FIRST LINE.

(G) ADD NEW NUMBERED PARAGRAPH 10 TO READ AS FOLLOWS:

-10. NOTE 6 IS AN ADMINISTRATIVE EXCEPTIONS NOTE GOVERNING THE EXPORT OF SPARE PARTS FOR MICROPROCESSOR, MINICOMPUTER, OR COMPUTER-BASED UNITS SUBJECT TO THE PROVISIONS OF NOTES 3 AND 5. IT IS TAILORED AFTER NOTE 7 OF IL 1565 SINCE THE TYPES OF PARTS IN THIS ITEM ARE SIMILAR OR IDENTICAL TO THOSE COVERED IN THE IL 1565 ENTRY.

JUSTIFICATION:

NOTE 6 IS DEEMED ESSENTIAL IN ORDER THAT THE CONTROLS OF IL 1565 ARE NOT FRUSTRATED BY PERMITTING EXPORTS OF SIMILAR OR IDENTICAL PARTS UNDER LESS STRINGENT CONDITIONS SUCH A STEP IS NECESSARY SINCE NC UNITS ARE INCREASINGLY

UTILIZING EQUIPMENTS AND COMPONENTRY COVERED BY IL 1565. THEREFORE, NOTE 6 HAS BEEN STRUCTURED TO EXTEND CONTROLS TO PARTS EMBARGOED BY IL 1565, AND TO BE CONSISTENT WITH THE LEVELS OF CONTROLS OF IL 1565."

3. WITH REGARD TO OUR PROPOSAL ON IL 1091 SET FORTH IN ENCLOSURE 1 OF REF LTR, USDEL SHOULD SUBMIT PROPOSAL TO THE COMMITTEE ALONG WITH REVISED IL 1500 NI ITEM WITH EXPLANATION THAT USG WILL HOPEFULLY RESPOND TO ANY PROPOSALS TO AMEND THIS ITEM BEFORE FORMAL NEGOTIATIONS ON THESE ITEMS GET UNDERWAY. IF THE BELGIANS, OR OTHER DELEGATIONS, WISH TO PROPOSE CHANGES, THEN WE WOULD HOPE THAT THEY COULD TABLE THESE PROPOSALS AT THE EARLIEST POSSIBLE DATE IN ORDER THAT FRUITFUL NEGOTIATIONS MIGHT BEGIN IN THE COMMITTEE CONSISTENT WITH OUR SUGGESTED TIMING INDICATED BELOW.

4. WE WOULD HOPE THAT OUR PROPOSALS CAN BE TABLED IN THE COMMITTEE AS SOON AS POSSIBLE IN ORDER TO PERMIT  
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EARLY MARCH DISCUSSIONS. U.S. TEAM PREPARED TO NEGOTIATE PROPOSALS AS EARLY AS WEEK OF MARCH 7. IF THIS DATE TOO EARLY, I SUGGEST AS ALTERNATIVE DATE LATTER PART OF WEEK OF MARCH 14 (I.E., MARCH 17 AND 18) OR EARLY PART OF WEEK OF MARCH 21. SOME MEMBERS OF TEAM HOPE TO VISIT LEIPZIG SPRING FAIR (MARCH 13-20) EITHER AFTER OR BEFORE PARIS NEGOTIATIONS. WE WOULD ANTICIPATE MINIMUM OF TWO AND POSSIBLY THREE DAYS FOR NEGOTIATION OF THESE ITEMS WITH FIRST DAY RESERVED FOR INFORMAL TECHNICAL WORKING GROUP SESSION.  
HARTMAN

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## Message Attributes

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